Yakeen Adhikari
Full Stack Java Developer
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Professional Summary

- More than **five years** of experience in IT industry as **Java/J2EE Developer**, worked in the areas of **Analysis, Design, Development, Implementation** and **Maintenance/Support** of **Enterprise** and **Web applications** using **JAVA** and **J2EE** technologies in **Waterfall and Agile (Scrum and XP)** methodologies.
- Extensive experience in using various design patterns such as **MVC Model-View-Controller, Singleton, Session Facade, DAO, DTO,** and **Business Delegate** in the development of multi-tier distributed Enterprise Applications.
- Extensive experience in improving overall performance of enterprise applications through **Multithreading, Collections, Synchronization,** and **exception handling strategies**.
- Expert in building dynamic webpages using front-end development technologies and frameworks like **Angular, Bootstrap, React, HTML, CSS, JavaScript, Typescript, jQuery, JSP Tag Libraries, Servlets** and **Node.js**.
- Expert in client side designing and validations using **HTML, DHTML, CSS, Java Script, JSP, Struts Tag Library,** and **JSTL**.
- Extensive experience in implementing **Core Java** concepts **and Object-Oriented Programming (OOPS)** concepts in various enterprise level applications using latest **Java/J2EE** tools and technologies.
- Extensive experience on the **Spring** modules like **Spring IOC, Spring Boot, Spring DAO, Spring Web flow, Spring Security, Spring MVC** and **Spring AOP**.
- Extensive experience using **Spring Framework** in business layer for **Dependency Injection, AOP**, **Spring MVC**, transaction management and using **Hibernate** as a persistence layer.
- Designed and developed several **SOAP** and **RESTful web services** using **WSDL, SOAP, JAX WS, JAX-RS, CXF, AXIS, JERSEY, REST Template** and **SOAP UI**.
- Experience working with **Spring Boot with Micro services**.
- Thorough knowledge of **Micro service architecture** and experience in implementing several design patterns using **Java/J2EE, Spring Boot** and implemented **REST web services** based on **RESTful APIs**.
- Worked on B2B development on **BEA WebLogic 9/10/12, IBM WebSphere 6/7/9, Tomcat 6/7/8** and **JBOSS** Applications servers.
- Proficient in **RDBMS** concepts and worked with several **RDBMS**, including **MySQL, Sybase, Oracle, PostgreSQL, DB2** and **MSSQL Server.**
- Good knowledge of **NOSQL databases** like **Cassandra** and **MongoDB** and performed **CRUD operations** and aggregation framework.
- Extensive experience in IDE tools like **Eclipse, IntelliJ IDEA, Net Beans, RAD, WID (Web Sphere Integration Designer).**
- Experience with a data logging framework using **Log4j**, to detect logging data and to analyze data traffic analysis and developed **ATDD (Acceptance Test Driven Development)** test cases using **Java** for the written code.
- Experience in configuring build tools like **MAVEN** and **ANT** for the development and deployment.
- Experience with bug tracking tools like **JIRA, TFS, Bugzilla,** and **HP ALM/Quality Center**.
- Experience in performing **Unit testing, Integration Testing** and generation of test cases using **Junit** and **Mockito**.
- Hands on experience of Build and Deployment phases and used **Continuous Integration Continuous Deployment (CI/CD)** tool **Jenkins**.
- Experience in version control tools like **Bitbucket, GIT, SVN, CVS** and **Microsoft visual SourceSafe**.

- Good knowledge of designing, deploying, and operating highly available, scalable, and fault-tolerant systems using **Amazon Web Services (AWS), GCF, PCF,** and **Azure**.

Technical Skills

Programming Languages:	JAVA, C, C++, XML, PL/ SQL, HTML, CSS, JavaScript, Typescript, Python
Java/J2EE Technologies:	J2EE, Servlets, JSP, JDBC, JPA, Hibernate, Spring 5.0, Spring Batch, EJB, JSF, REST, JMS, JAX-WS, JAX RPC, JBOSS ESB, RESTFUL, WSDL
Framework & Tools:	Struts, Hibernate, JPA, Spring, Spring MVC, J2EE Design Patterns, Java Data Objects, JSF, JUnit, Ant, Maven framework, ORM
Web/Application Servers:	Web Sphere Application Server, Apache Tomcat, JBoss, Web Logic
Database:	Oracle, MSSQL Server, MySQL, DB2, PostgreSQL, Sybase, Cassandra, MongoDB
Operating Systems:	Windows XP/Vista/7/2008 R2/2012, UNIX, Linux
Web Technologies:	HTML, DHTML, XML, XSL, XSLT, JSTL, JavaScript, CSS, Struts, SOAP, Ajax, jQuery, Angular JS, Node JS, React JS, JSON, JSF, Oracle ADF
Cloud Technologies	AWS, lambda, API Gateway
Development Tools:	IBM WSAD 6.x, Eclipse, JDeveloper, RAD 6.0, NetBeans, IntelliJ, JBOSS IDE
Version Control Systems:	VSS, CVS, SVN, GIT, GitHub
Methodology	Waterfall, Agile, TDD, OOP
Other Tools:	Gradle, ANT, Maven, Jenkins, Windows, Mac, UNIX, LINUX, JUnit, JIRA, Cucumber, Protractor, Jasmine, Selenium

Work Experiences

Prosperity Bank, Sugar Land, Texas
Full Stack Java Developer
Jun 2020 - Current

Roles and Responsibilities:
- Actively participated in all ceremonies of **Agile-Scrum** methodologies and followed all the requirements for **Software Development Life Cycle (SDLC)**.
- Designed and developed the application using **Agile** methodology and followed **Test Driven Development (TDD)** and **Scrum**.
- Involved in **Analysis, Design, Development, UAT** and **Production** phases of the application.
- Developed dynamic web pages using **Angular, HTML5, CSS3, Bootstrap, jQuery,** and resolved cross browser **Typescript** issues.
- Implemented data binding and validation using **Angular**, and used **Angular Controllers, Directives, Factory** and **Service resources, Routings** and **Events**.
- Developed **Angular Components, Services,** and **Pipes** and took part in developing unit test and integration test cases.
- Worked with **NPM** commands and using **Package.json** for managing dependencies of **Node.js** applications.
- Implemented design patterns like **DAO, singleton, factory** to achieve design principles.
- Developed the application implementing **Spring MVC Architecture** with **Hibernate** as **ORM** framework.
- Used **Hibernate ORM framework** for persistence to database by integrating it with **Spring framework** using **Spring Hibernate template**.

- Developed the project by using **Spring Web MVC** module which implemented the project using **Spring Framework (MVC, AOP, Spring JPA, Spring Rest, Spring Batch, Spring Security with OAuth 2.0)** and **microservices** using **Spring boot**.
- Implemented the project using **Java 8** and used new features like **Streams, Lambda Expressions, Functional Interfaces**.
- Implemented **RESTful web services** using **Spring boot** and consumed using **Spring REST** services. Published **Rest services** for performing **CRUD** operations from the database.
- Consumed and built web services in **SOAP**, **REST** supporting both **XML** and **JSON** by taking advantage of spring technologies.
- Used **JMS** to place the import run requests into **JMS Queue**.
- Implemented container-based technologies like **Docker** and **Kubernetes** along with the development of **Microservices** architecture using **Spring Boot**.
- Worked heavily on **PL/SQL** writing **complex queries, joins, stored procedures,** and **functions**.
- Created collections and performed **CRUD** operations on **MongoDB** and used **Mongo Repository** and **Spring Mongo** template for persistence.
- Used **JSON** for data exchange between application modules along with **XML** and **WS-Security** for authenticating the **RESTful** messages along with encryption and decryption.
- Used **Maven** to create the builds.
- Created **Jenkins** jobs for building applications, and for **Continuous Integration Continuous Deployment (CICD)** processes.
- Used **Log4j** to capture the log that includes runtime exception and for logging info and for debugging the issues.
- Used **JIRA** as the bug tracking system to track and maintain the history of bugs/issues on an everyday basis.
- Used **GIT** for efficiently managing the source code versions with the development team.
- Developed **Junit** test classes to test the functionality of a code.
- Created **AWS S3 buckets**, performed folder management in each bucket, managed cloud trail logs and objects within each bucket.
- Involved in writing **Java API** for **Amazon Lambda** to manage some of services and created **AWS Security Groups** for deploying and configuring **AWS EC2** instances.

Environment: Java 1.8, AWS, Oracle 12c, Spring Boot, Micro services, Spring 5.0, Maven, Angular, JQuery, HTML5, CSS3, Jenkins, XML, XPATH, Linux, Junit, TestNG, Cucumber, WebLogic 12.1.3, Hibernate 4.2, GIT, Log4j, Jira.

Happy State Bank Corporate, Happy, Texas
Full Stack Java Developer
Feb 2019 - Jun 2020

Roles and Responsibilities:
- Practiced **Scrum Agile** methodology with regular two-week sprint cycles working on planned/groomed user stories**. Daily Scrum, Sprint Reviews, Retrospectives, Sprint Grooming** and **Sprint Planning** meetings in the presence of **Product Owner, Scrum Master** were some of the ceremonies being practiced.
- Designed and developed necessary **UML Diagrams** like **Use Case, Class, Sequence, State** and **Activity** diagrams using **IBM Rational Rose**.
- Develop new fronted from the ground up using **HTML5, CSS3, JavaScript, jQuery, Bootstrap, AngularJS,** and **Typescript** as front-end building Environment.

- Used **Angular** as the primary development framework to build a **single-page application (SPA)**, and **JavaScript** for validations.
- Applied various **Java/J2EE** design patterns such as **Front Controller, Factory, Singleton, Business Delegate, Session Facade, Service Locator,** and **DAO** throughout the application for a clear and manageable distribution of roles.
- Extensively used **Java 8** features such as **lambda expressions, parallel operations on collections, multithreading** and for effective sorting mechanisms.
- Developed and integrated **Microservices** into existing system architecture.
- Involved in developing microservice applications using **Spring Core, Spring AOP, Spring IOC, Spring MVC, Spring Batch, Spring JPA, Spring Security, Spring Boot, Spring Integration,** and **Amazon Web Services (AWS)**.
- Implemented **Spring MVC** application framework to create and configure **Java beans** using **Spring IOC** and used **Spring Hibernate** for support and transaction management.
- Extensively worked with **ORM** tools like **Hibernate** and used **JPA (Java Persistence API)** frameworks and APIs.
- Worked with the **Spring framework Hibernate integration** to maximize the classical **Model View Controller (MVC)** Architecture.
- Implemented **RESTful Web services** to retrieve data from client side and made **REST API** calls from **Angular** and parsed the data to project to client and handled the security and authorization using **Spring Security** and **OAuth**.
- Used **AWS API Gateway** for providing **RESTful APIs** for the web application to access AWS services.
- Developed **Session Beans** to process user requests and to load and store information from the database.
- Implemented **Test Driven Development (TDD)** using **Junit**, and Log4j in developing test cases and determining application functionality.
- Developed **Oracle PL/SQL stored procedures** and **functions** to process information used to generate reports.
- Used simple and complex **SQL queries** to fetch /write required information to database tables. Worked on **Oracle** database to persist and retrieve information.
- Used **MAVEN** as a build process and for generating documentation, reports, and adding dependencies.
- Implemented a **Continuous Integration** and **Continuous Deployment (CICD)** process using **Jenkins**.
- Worked with the GIT Version control system to track various aspects of the project.
- Worked with **AWS API Gateway** for implementing the **Microservice architecture** and utilized **ECS** to deploy the **Docker** containers onto the servers.
- Worked on building and deploying to AWS components like **EC2** and setting up **AWS S3** storage objects.

Environment: Java 1.8, Oracle 11g, PL/SQL, Spring, Spring MVC, Hibernate, Angular, Maven, AWS, Jenkins, Linux VMs, Selenium, TestNG, Junit, Docker, WebLogic 10, Hibernate, AWS, GIT, REST, HTML, CSS, Bootstrap, Typescript, JavaScript.

Farmers Insurance, Los Angeles, California
Java Backend Developer
Dec 2017 - Feb 2019

Roles and Responsibilities:
- Involved in different phases of the project which followed the **Agile** methodology in the **Scrum** Cycle model including **Analysis, Design and Development** and **Testing**
- Developed backend services using **Spring Boot, Spring JPA, Spring Data, Spring Security, Spring Actuator** and **Swagger**.
- Implemented **Microservice Architecture** with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.

- Developed **Rest Controller** for Mapping requests to generate **Restful APIs**.
- Developed Controller classes to handle HTTP requests such as **GET, DELETE, POST,** and **PUT**.
- Used **Hibernate** annotation to control data fetching and cascading type and batch size to improve the data access performance.
- Implement a JPA **repository** to access data as **DAO**.
- Configured Spring Security to grant permissions for different level resources.
- Configured **Continuous Integration Continuous Deployment (CICD)** process using Jenkins for project build and deployment.
- Wrote simple and complex **SQL queries** for performance improvement and refactored the queries for business reporting in **MySQL** database.
- Worked with **AWS** and utilized **EC2** to deploy **Docker** containers onto the servers.
- Wrote test cases for each function using **Junit** Framework.
- Used **SVN** for version control.

Environment: Java 1.8, MySQL, PL/SQL, Spring, Spring MVC/JDBC, Maven, Jenkins, Linux VMs, Selenium, Test NG, WebLogic 10, Hibernate, AWS, CVS.

Covenant Health, Lubbock, Texas
Junior Java Developer
Oct 2016 - Dec 2017

Roles and Responsibilities:
- Involved in the full lifecycle of software design process of other projects, including **prototyping, proof of concepts, design, interface implementation, testing,** and **maintenance**.
- Played a key role in the implementation of the application.
- Developed and modified various web modules using **Java, JSP, Servlets** and **JavaScript**.
- Involved in writing the **SQL** queries.
- Database schema design, development, and coding of **DDL** and **DML** statements, functions in **Oracle**, also, involved in designing the database and coding of **SQL, PL/SQL, Triggers,** and **Views**.
- Implemented **Enterprise Java Beans (EJBs)** to interact with the database to **update, retrieve, insert,** and **delete** values effectively, building, and optimizing **J2EE** applications.
- Accessed stored procedures and functions using **JDBC** Callable statements.
- Used **Apache Tomcat** as Web Server and Microsoft VSS as version control system.

Environment: Java 1.8, Oracle 11g, PL/SQL, Spring, Spring MVC/JDBC, Angular JS 2.0, Maven, Jenkins, Linux VMs, Selenium, Test NG, WebLogic 10, Hibernate, AWS, CVS.

Education
BS Computer Science - Texas Tech University *(Graduated 2020)*